



DATE: 04/01/2002 RAW SEQUENCE LISTING PATENT APPLICATION: US/08/994,468 TIME: 15:09:36

Input Set : N:\Crf3\RULE60\08994468.raw Output Set: N:\CRF3\04012002\H994468.raw

SEQUENCE LISTING

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3 (1) GENERAL INFORMATION:
             (i) APPLICANT: Lyman, Stewart D.
      5
                            Beckmann, M. Patricia
      7
            (ii) TITLE OF INVENTION: Ligands for flt3/flk-2 Receptors
      9
           (iii) NUMBER OF SEQUENCES: 8
            (iv) CORRESPONDENCE ADDRESS:
     11
     12
                  (A) ADDRESSEE: Stephen L. Malaska, Immunex Corporation
     13
                  (B) STREET: 51 University Street
     14
                  (C) CITY: Seattle
     15
                  (D) STATE: Washington
                  (E) COUNTRY: US
     16
     17
                  (F) ZIP: 98101
                                                                ENTERED
             (V) COMPUTER READABLE FORM:
     19
     20
                  (A) MEDIUM TYPE: Floppy disk
     21
                  (B) COMPUTER: Apple Macintosh
     22
                  (C) OPERATING SYSTEM: Macintosh 7.0.1
     23
                  (D) SOFTWARE: Microsoft Word, Version #5.1
     25
            (vi) CURRENT APPLICATION DATA:
C--> 26
                  (A) APPLICATION NUMBER: US/08/994,468
C--> 27
                  (B) FILING DATE: 19-Dec-1997
     48
                  (C) CLASSIFICATION:
           (vii) PRIOR APPLICATION DATA:
     45
     31
                  (A) APPLICATION NUMBER: 08/162,407
     32
                  (B) FILING DATE:
     36
                  (A) APPLICATION NUMBER: 08/111,758
     37
                  (B) FILING DATE: August 25, 1993
     41
                  (A) APPLICATION NUMBER: 08/106,463
     42
                  (B) FILING DATE: August 12, 1993
     46
                  (A) APPLICATION NUMBER: 08/068,394
     47
                  (B) FILING DATE: May 24, 1993
     50
          (viii) ATTORNEY/AGENT INFORMATION:
                  (A) NAME: Malaska, Stephen L.
     52
                  (B) REGISTRATION NUMBER: 32,655
     53
                  (C) REFERENCE/DOCKET NUMBER: 2813-C
     55
            (ix) TELECOMMUNICATION INFORMATION:
     56
                  (A) TELEPHONE: (206) 587-0430
     57
                  (B) TELEFAX: (206) 233-0644
     58
                  (C) TELEX: 756822
     60 (2) INFORMATION FOR SEQ ID NO: 1:
             (i) SEQUENCE CHARACTERISTICS:
     62
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                  (A) LENGTH: 879 base pairs
                  (B) TYPE: nucleic acid
     64
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(C) STRANDEDNESS: single
65
             (D) TOPOLOGY: linear
66
       (ii) MOLECULE TYPE: cDNA to mRNA
68
70
      (iii) HYPOTHETICAL: NO
       (iv) ANTI-SENSE: NO
72
74
       (ix) FEATURE:
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             (A) NAME/KEY: misc_feature
             (B) LOCATION: 1..25
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       (ix) FEATURE:
78
             (A) NAME/KEY: misc_feature
79
80
             (B) LOCATION: 855..879
       (ix) FEATURE:
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             (A) NAME/KEY: CDS
             (B) LOCATION: 57..752
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       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
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89 GTCGACTGGA ACGAGACGAC CTGCTCTGTC ACAGGCATGA GGGGTCCCCG GCAGAG
91 ATG ACA GTG CTG GCG CCA GCC TGG AGC CCA AAT TCC TCC CTG TTG CTG
                                                                      104
92 Met Thr Val Leu Ala Pro Ala Trp Ser Pro Asn Ser Ser Leu Leu Leu
                                       10
                    5
95 CTG TTG CTG CTG AGT CCT TGC CTG CGG GGG ACA CCT GAC TGT TAC
                                                                      152
96 Leu Leu Leu Leu Ser Pro Cys Leu Arg Gly Thr Pro Asp Cys Tyr
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                                                                      200
99 Phe Ser His Ser Pro Ile Ser Ser Asn Phe Lys Val Lys Phe Arg Glu
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                                40
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102 TTG ACT GAC CAC CTG CTT AAA GAT TAC CCA GTC ACT GTG GCC GTC AAT
                                                                        248
103 Leu Thr Asp His Leu Leu Lys Asp Tyr Pro Val Thr Val Ala Val Asn
                            55
106 CTT CAG GAC GAG AAG CAC TGC AAG GCC TTG TGG AGC CTC TTC CTA GCC
                                                                       296
107 Leu Gln Asp Glu Lys His Cys Lys Ala Leu Trp Ser Leu Phe Leu Ala
110 CAG CGC TGG ATA GAG CAA CTG AAG ACT GTG GCA GGG TCT AAG ATG CAA
                                                                       344
111 Gln Arg Trp Ile Glu Gln Leu Lys Thr Val Ala Gly Ser Lys Met Gln
                    85
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114 ACG CTT CTG GAG GAC GTC AAC ACC GAG ATA CAT TTT GTC ACC TCA TGT
                                                                       392
115 Thr Leu Leu Glu Asp Val Asn Thr Glu Ile His Phe Val Thr Ser Cys
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118 ACC TTC CAG CCC CTA CCA GAA TGT CTG CGA TTC GTC CAG ACC AAC ATC
                                                                       440
119 Thr Phe Gln Pro Leu Pro Glu Cys Leu Arg Phe Val Gln Thr Asn Ile
120
            115
                                120
                                                     125
                                                                       488
122 TCC CAC CTC CTG AAG GAC ACC TGC ACA CAG CTG CTT GCT CTG AAG CCC
123 Ser His Leu Leu Lys Asp Thr Cys Thr Gln Leu Leu Ala Leu Lys Pro
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126 TGT ATC GGG AAG GCC TGC CAG AAT TTC TCT CGG TGC CTG GAG GTG CAG
                                                                       536
127 Cys Ile Gly Lys Ala Cys Gln Asn Phe Ser Arg Cys Leu Glu Val Gln
                        150
                                            155
130 TGC CAG CCG GAC TCC TCC ACC CTG CTC CCC AGG AGT CCC ATA GCC
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131 Cys Gln Pro Asp Ser Ser Thr Leu Leu Pro Pro Arg Ser Pro Ile Ala
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                    165
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134 CTA GAA GCC ACG GAG CTC CCA GAG CCT CGG CCC AGG CAG CTG TTG CTC 135 Leu Glu Ala Thr Glu Leu Pro Glu Pro Arg Pro Arg Gln Leu Leu Leu Leu 186 180 185 190 185 190 183 CTG					_			•		•		•						
136	134	СТА	GAA	GCC	ACG	GAG	CTC	CCA	GAG	CCT	CGG	CCC	AGG	CAG	CTG	TTG	CTC	632
136	135	Leu	Glu	Ala	Thr	Glu	Leu	Pro	Glu	Pro	Arg	Pro	Arg	Gln	Leu	Leu	Leu	
139 Leu Leu Leu Leu Leu Leu Pro Leu Thr Leu Val Leu Leu Ala Ala Ala Trp 140 195 200 205																		
140	138	CTG	CTG	CTG	CTG	CTG	CCT	CTC	ACA	CTG	GTG	CTG	CTG	GCA	GCC	GCC	TGG	680
142 GGC CTT CGC TGG CAA AGG GCA AGA AGG AGG AGG GGG GAG CTC CAC CCT GGG 728 143 GIY Leu Arg Trp Gln Arg Ala Arg Arg Arg Gly Glu Leu His Pro Gly 210 215 220 146 GTG CCC CTC CCT CCC TAC CCC TAGGATTCGA GCCTTGTGCA TCGTTGACTC 779 147 Val Pro Leu Pro Ser His Pro 230 30 30 30 150 AGCCAGGGGT TTATCTTGGT TACACCTGTA ATCTCAGCCC TTGGGAGCCC AGAGCAGGAT 839 152 TGCTGAATGG TCTGGACCAG GTCGTTCGT TCCAGTCGAC 879 154 (2) INFORMATION POR SEQ ID NO: 2:	139	Leu	Leu	Leu	Leu	Leu	Pro	Leu	Thr	Leu	Val	Leu	Leu	Ala	Ala	Ala	Trp	
143 Gly Leu Arg Trp Gln Arg Ala Arg Arg Gly Glu Leu His Pro Gly 144 210 215 220 220 275 220 270 277	140			195					200					205				
144 210 215 220 779 779 779 741																		728
The content of the	143	Gly	Leu	Arg	\mathtt{Trp}	Gln	Arg	Ala	Arg	Arg	Arg	Gly		Leu	His	Pro	Gly	
147																		
148 225									TAG	SATT(CGA (CCT!	rgtg	CA TO	CGTT	GACT	2	779
150 AGCCAGGGTC TTATCTCGGT TACACCTGTA ATCTCAGCCC AGAGCAGGAT 839 152 TGCTCAATGG TCTGGAGCAG GTCGTCTTGT TCCAGTCGAC AGAGCAGGAT 879 154 (2) INFORMATION FOR SEQ ID No: 2:			Pro	Leu	Pro	Ser		Pro										
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154 (2) INFORMATION FOR SEQ ID No: 2:													TTG	GGAG	CCC I	AGAG	CAGGAT	
156											CAGTO	CGAC						8/9
157		(2)																
158			(1)		-						3 _~							
159					-					acı	ıs							
161				•	•													
164			/ 1 1 1	-	-													
166			, ,					-		SEO :	וח או	. 2						
167			` '		_									Ser	Leu	Leu	Leu	
169 Leu Leu Leu Leu Leu Ser Pro Cys Leu Arg Gly Thr Pro Asp Cys Tyr 170				741	Leu		110	1114					001					
170			Leu	Leu	Leu		Ser	Pro	Cvs	Leu		Glv	Thr	Pro	Asp		Tvr	
172 Phe Ser His Ser Pro Ile Ser Ser Asn Phe Lys Val Lys Phe Arg Glu 173 35 40 40 45 45 45 45 475									-1-		5	1			_	- 4	-1-	
173		Phe	Ser	His		Pro	Ile	Ser	Ser	Asn	Phe	Lys	Val	Lys	Phe	Arg	Glu	
176 50 55 55 60 178 Leu Gln Asp Glu Lys His Cys Lys Ala Leu Trp 65 70 70 75 80 181 Gln Arg Trp Ile Glu Gln Leu Lys Thr Val Ala Gly Ser Lys Met Gln 182 85 90 95 115 95 184 Thr Leu Leu Glu Asp Val Asp Val Asn Thr Glu Ile His Phe Val Thr Ser Cys 105 100 105 110 117 110 118 110 </td <td></td> <td>•</td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td></td>												•				_		
176 50 55 55 60 178 Leu Gln Asp Glu Lys His Cys Lys Ala Leu Trp 65 70 70 75 80 181 Gln Arg Trp Ile Glu Gln Leu Lys Thr Val Ala Gly Ser Lys Met Gln 182 85 90 95 115 95 184 Thr Leu Leu Glu Asp Val Asp Val Asn Thr Glu Ile His Phe Val Thr Ser Cys 105 100 105 110 117 110 118 110 </td <td>175</td> <td>Leu</td> <td>Thr</td> <td>Asp</td> <td>His</td> <td>Leu</td> <td>Leu</td> <td>Lys</td> <td>Asp</td> <td>Tyr</td> <td>Pro</td> <td>Val</td> <td>Thr</td> <td>Val</td> <td>Ala</td> <td>Val</td> <td>Asn</td> <td></td>	175	Leu	Thr	Asp	His	Leu	Leu	Lys	Asp	Tyr	Pro	Val	Thr	Val	Ala	Val	Asn	
179 65				_														
181 Gln Arg Trp Ile Glu Gln Leu Lys Thr Val Ala Gly Ser Lys Met Gln 182	178	Leu	Gln	Asp	Glu	Lys	His	Cys	Lys	Ala	Leu	Trp	Ser	Leu	Phe	Leu	Ala	
182 85 90 95 184 Thr Leu Leu Glu Asp Val Asp Val Asn Thr Glu Ile His Phe Val Thr Ser Cys 105 110 185 100 105 110 110 187 Thr Phe Gln Pro Leu Pro Glu Cys Leu Arg Phe Val Gln Thr Asn Ile 115 120 125 190 Ser His Leu Leu Lys Asp Thr Cys Thr Gln Leu Leu Ala Leu Lys Pro 191 130 135 140 193 Cys Ile Gly Lys Ala Cys Gln Asn Phe Ser Arg Cys Leu Glu Val Gln 194 145 150 155 160 194 145 150 150 155 170 175 160 196 Cys Gln Pro Asp Ser Ser Thr Leu Leu Pro Pro Pro Arg Ser Pro Ile Ala 197 175 175 175 199 Leu Glu Ala Thr Glu Leu Pro Glu Pro Arg Pro Arg Pro Arg Gln Leu Leu Leu Leu Leu 180 185 190 190 190 202 Leu Leu Leu Leu Leu Leu Tro Glu Thr Leu Val Leu Leu Ala Ala Ala Ala Trp 195 205 205 205 205 205 205 Gly Leu Arg Trp Gln Arg Ala Arg Arg Arg Gly Gly Leu His Pro Gly 100 100 100 100 100 100 100 100 100	179	65					70					75					80	
184 Thr Leu Glu Asp Val Asn Thr Glu Ile His Phe Val Thr Ser Cys 185 100 100 105 105 110 110 187 Thr Phe Gln Pro Leu Pro Glu Cys Leu Arg Phe Val Gln Thr Asn Ile 188 115 15 120 125 125 125 126 127 125 126 127 127 127 128 128 128 128 128 128 128 128 128 128 128 128 129 128 128 128 128 129 128 129 129 128 129 12	181	Gln	Arg	Trp	Ile	Glu	Gln	Leu	Lys	Thr	Val	Ala	Gly	Ser	Lys	Met	Gln	
185 100 105 110 187 Thr Phe Gln Pro Leu Pro Glu Cys Leu Arg Phe Val Gln Thr Asn Ile 188 115 125 120 125 125 125 126 190 Ser His Leu Lys Asp Thr Cys Thr Gln Leu Leu Lys Pro 191 130 130 135 135 140 140 140 150 150 140 140 150 160 155 160 155 160 155 160 160 155 160 155 160 155 160 155 175 175 175 175 199 160 140 150 170 175 175 175 199 195 165 185 170 175 175 190 190 190 190 190 190 190 190 190 190 190 190 1																		
187 Thr Phe Gln Pro Leu Pro Glu Cys Leu Arg Phe Val Gln Thr Asn Ile 188 115 120 120 125 125 125 190 Ser His Leu Lys Asp Thr Cys Thr Gln Leu Leu Leu Lys Pro 191 130 135 135 140 1	184	Thr	Leu	Leu	Glu	Asp	Val	Asn	Thr		Ile	His	Phe	Val		Ser	Cys	
188 115 120 125 190 Ser His Leu Leu Leu Lys Asp Thr Cys Thr Gln Leu Leu Ala Leu Lys Pro 191 130 135 140 193 Cys Ile Gly Lys Ala Cys Gln Asn Phe Ser Arg Cys Leu Glu Val Gln 194 145 150 155 160 196 Cys Gln Pro Asp Ser Ser Thr Leu Leu Pro Pro Arg Ser Pro Ile Ala 197 175 175 199 Leu Glu Ala Thr Glu Leu Pro Glu Pro Arg Pro Arg Gln Leu Leu Leu 190 190 190 202 Leu Leu Leu Leu Leu Leu Thr Leu Val Leu Leu Leu Ala Ala Ala Trp 205 205 205 Gly Leu Arg Trp Gln Arg Ala Arg Arg Arg Gly Glu Leu His Pro Gly								_										
190 Ser His Leu Leu Leu Lys Asp Thr Cys Thr Gln Leu Leu Leu Ala Leu Lys Pro 191 130 135 140 193 Cys Ile Gly Lys Ala Cys Gln Asn Phe Ser Arg Cys Leu Glu Val Gln 194 145 150 155 160 196 Cys Gln Pro Asp Ser Ser Thr Leu Leu Pro Pro Arg Ser Pro Ile Ala 197 175 199 Leu Glu Ala Thr Glu Leu Pro Glu Pro Arg Pro Arg Gln Leu Leu Leu 190 200 180 185 190 202 Leu Leu Leu Leu Leu Pro Leu Thr Leu Val Leu Leu Ala Ala Ala Trp 205 205 Gly Leu Arg Trp Gln Arg Ala Arg Arg Arg Gly Glu Leu His Pro Gly		Thr	Phe		Pro	Leu	Pro	Glu		Leu	Arg	Phe	Val		Thr	Asn	Ile	
191		_			_	_	_				-1	_	_			•	D	
193 Cys Ile Gly Lys Ala Cys Gln Asn Phe Ser Arg Cys Leu Glu Val Gln 194 145															Leu	гĀг	Pro	
194 145															c1	370.1	Cl n	
196 Cys Gln Pro Asp Ser Ser Thr Leu Leu Pro Pro Arg Ser Pro Ile Ala 197			TTE	GIY	гаг	ÀТа		GIN	ASII	Pne	ser		Cys	ьeu	GIU	Val		
197			Cln	Dro	7.00	Cor		mb r	Len	LOU	Dro		λνα	Sar	Dro	Tla		
199 Leu Glu Ala Thr Glu Leu Pro Glu Pro Arg Pro Arg Gln Leu Leu Leu 200 180 185 190 202 Leu Leu Leu Leu Leu Pro Leu Thr Leu Val Leu Leu Ala Ala Ala Trp 203 195 200 205 205 205 Gly Leu Arg Trp Gln Arg Ala Arg Arg Arg Gly Glu Leu His Pro Gly		Cys	GIII	FIO	кар		361	1111	пец	пеа		110	пта	361	110		ALG	
200 180 185 190 202 Leu Leu Leu Leu Leu Pro Leu Thr Leu Val Leu Leu Ala Ala Ala Trp 203 195 200 205 205 Gly Leu Arg Trp Gln Arg Ala Arg Arg Arg Gly Glu Leu His Pro Gly		T.e.u	Glu	Δla	Thr		T.eu	Pro	Glu	Pro		Pro	Arσ	Gln	Leu		Leu	
202 Leu Leu Leu Leu Pro Leu Thr Leu Val Leu Leu Ala Ala Trp 203 195 200 205 205 Gly Leu Arg Trp Gln Arg Ala Arg Arg Gly Glu Leu His Pro Gly		u	JIU			o Lu	u	110	O_Lu		**- 9	-10	9	O-11		u		
203 195 200 205 205 Gly Leu Arg Trp Gln Arg Ala Arg Arg Gly Glu Leu His Pro Gly		Leu	Leu	Leu		Leu	Pro	Leu	Thr		Val	Leu	Leu	Ala		Ala	Trp	
205 Gly Leu Arg Trp Gln Arg Ala Arg Arg Gly Glu Leu His Pro Gly																	L	
		Gly	Leu		Trp	Gln	Arg	Ala		Arg	Arg	Gly	Glu		His	Pro	Gly	
		-		-	-	•	-		-	_		_					<u>-</u>	

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208 Val Pro Leu Pro Ser His Pro
209 225
                        230
211 (2) INFORMATION FOR SEQ ID NO: 3:
        (i) SEQUENCE CHARACTERISTICS:
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              (A) LENGTH: 24 base pairs
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              (B) TYPE: nucleic acid
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              (D) TOPOLOGY: linear
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       (iii) HYPOTHETICAL: NO
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       (iv) ANTI-SENSE: NO
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        (ii) MOLECULE TYPE: cDNA to mRNA
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              (A) NAME/KEY: CDS
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264 CGGCCGGAAT TCCGGGGCCC CCGGCCGAA ATG ACA GTG CTG GCG CCA GCC TGG
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                                    Met Thr Val Leu Ala Pro Ala Trp
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268 AGC CCA ACA ACC TAT CTC CTC CTG CTG CTG CTG CTG AGC TCG GGA CTC
                                                                       101
269 Ser Pro Thr Thr Tyr Leu Leu Leu Leu Leu Leu Ser Ser Gly Leu
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272 AGT GGG ACC CAG GAC TGC TCC TTC CAA CAC AGC CCC ATC TCC TCC GAC
                                                                       149
273 Ser Gly Thr Gln Asp Cys Ser Phe Gln His Ser Pro Ile Ser Ser Asp
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276 TTC GCT GTC AAA ATC CGT GAG CTG TCT GAC TAC CTG CTT CAA GAT TAC
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277 Phe Ala Val Lys Ile Arg Glu Leu Ser Asp Tyr Leu Leu Gln Asp Tyr
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                     45
280 CCA GTC ACC GTG GCC TCC AAC CTG CAG GAC GAG GAG CTC TGC GGG GGC
281 Pro Val Thr Val Ala Ser Asn Leu Gln Asp Glu Glu Leu Cys Gly Gly
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282				60					65					70			
	CTC	TCC	CGG		CTC	CTC	GCA	CAG		ጥርር	ΔͲር	GAG	cee		ΔAG	АСТ	293
	-		Arg														200
286	Бец	тър	75	пец	Vai	пси	ALG	80	nry	111	MCC	Olu	85	шеч	1	1111	
	CTC	ССТ	GGG	ጥሮሮ	ΔAG	ΔΨС	CAA		ጥጥር	CTG	GAG	CGC		AAC	ACG	GAG	341
			Gly														
290	vai	90	GLY	JCI	ц	ince	95	011	БСС	Dou	014	100					
	מידי מ		TTT	стс	ACC	ΔΔΔ		GCC	արդու	CAG	CCC		CCC	AGC	тст	СТТ	389
			Phe														
	105		1	·ul		110	0,0	1124		·	115				-1-	120	
	_	ттс	GTC	CAG	ACC		ATC	TCC	CGC	CTC		CAG	GAG	ACC	TCC		437
			Val														
298	9			·	125				5	130					135		
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	TGC	CTG	GAG		CAG	TGT	CAG	CCC	GAC	TCC	TCA	ACC	CTG	CCA	CCC	CCA	533
			Glu														
306	-		155			•		160	-				165				
308	TGG	AGT	CCC	CGG	CCC	CTG	GAG	GCC	ACA	GCC	CCG	ACA	GCC	CCG	CAG	CCC	581
			Pro														
310	_	170		-			175					180					
312	CCT	CTG	CTC	CTC	CTA	CTG	CTG	CTG	CCC	GTG	GGC	CTC	CTG	CTG	CTG	GCC	629
313	Pro	Leu	Leu	Leu	Leu	Leu	Leu	Leu	Pro	Val	Gly	Leu	Leu	Leu	Leu	Ala	
	185					190					195					200	
316	GCT	GCC	TGG	TGC	CTG	CAC	TGG	CAG	AGG	ACG	CGG	CGG	AGG	ACA	CCC	CGC	677
317	Ala	Ala	Trp	Cys	Leu	His	Trp	Gln	Arg	Thr	Arg	Arg	Arg	Thr	Pro	Arg	
318					205					210					215		
320	CCT	GGG	GAG	CAG	GTG	CCC	CCC	GTC	CCC	AGT	CCC	CAG	GAC	CTG	CTG	CTT	725
321	Pro	Gly	Glu	Gln	Val	Pro	Pro	Val	Pro	Ser	Pro	Gln	Asp	Leu	Leu	Leu	
322				220					225					230			
324	GTG	GAG	CAC	TGAG	CCTG	GCC I	AAGG	CCTC	AT CO	CTGC	GGAG	CT)AAA1	CAAC			774
325	Val	Glu	His										•				
326			235														
			-													CAGAGG	
																CCGGTC	
	CCTTCCTTGG GCCCCTCTCA TTCCCTCCCC AGAATGGAGG CAACGCCAGA ATCCAGCACC 95																
														988			
	36 (2) INFORMATION FOR SEQ ID NO: 6:																
	338 (i) SEQUENCE CHARACTERISTICS:																
	(A) LENGTH: 235 amino acids																
	340 (B) TYPE: amino acid																
	341 (D) TOPOLOGY: linear																
343																	
345	345 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6: 347 Met Thr Val Leu Ala Pro Ala Trp Ser Pro Thr Thr Tyr Leu Leu Leu																
		Thr	val	ьeu		Pro	АТА	ттр	ser		Thr	Tnr	туг	ьeu		ьeu	
348	1	T ~··	T ~··	T 4	5 5	Cc=	C1	T	C.~	10	mb∽	C1 -	λ ~ ~	Crrc	15 Ser	The	
	ьeu	ьeu	Leu		ser	ser	GIĀ	ьeu		GTĀ	Inr	GIU	Asp	30	ser	LIIG	
351				20					25					20			

VERIFICATION SUMMARY

DATE: 04/01/2002

PATENT APPLICATION: US/08/994,468

TIME: 15:09:37

Input Set : N:\Crf3\RULE60\08994468.raw
Output Set: N:\CRF3\04012002\H994468.raw

L:26 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:27 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]